AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): A laser gyro comprising:
an optical ring cavity [[(1)]],
a solid-state amplifying medium [[(19)]] and a feedback system ~~(4, 42, 43)~~,
two optical modes ~~(5, 6)~~
propagating in opposite directions from each other inside said optical cavity, the feedback system being intended to slave the intensity of the two counterpropagating modes[[,]] ~~characterized in that~~:
the amplifying medium [[19)]] is anisotropic and in that the feedback system includes, inside the cavity, ~~at least~~
an optical assembly comprising ~~at least~~ an optical element [[(7)]] that acts on the polarization state of the counterpropagating modes and a rotor [[(8)]] exhibiting a nonreciprocal effect that also acts on the polarization state of the counterpropagating modes, at least one of the effects of said optical element [[(7)]] or of said rotor [[(8)]] exhibiting an adjustable nonreciprocal effect ~~being adjustable~~.

2. (currently amended): The laser gyro as claimed in claim 1, ~~characterized in that,~~ wherein when the optical element [[(7)]] acts on the polarization state of the counterpropagating modes in a fixed manner, said element is a linear polarizer, the polarization direction of which is not parallel to the direction of maximum gain of the amplifying medium.

3. (currently amended): The laser gyro as claimed in claim 1, ~~characterized in that,~~ wherein when the optical element [[(7)]] acts on the polarization state of the counterpropagating modes in a fixed manner, said element is a birerefringent optical plate.

4. (currently amended): The laser gyro as claimed in claim 3, ~~characterized in that,~~ wherein said optical element [[(7)]] is a birerefringent optical plate obtained from a naturally birefringent material.

5. (currently amended): The laser gyro as claimed in claim 4, ~~characterized in that,~~ wherein said optical element [[(7)]] is made of quartz.

6. (currently amended): The laser gyro as claimed in claim 1, ~~characterized in that,~~ wherein when the optical element [[(7)]] acts on the polarization state of the counterpropagating modes in an adjustable manner, said element is an optical plate exhibiting electrically controlled birefringence.

7. (currently amended): The laser gyro as claimed in claim 1, ~~characterized in that,~~ wherein when the rotor exhibiting a nonreciprocal effect acts on the polarization state of the counterpropagating modes in a fixed manner, it comprises a material exhibiting the Faraday effect polarized by a permanent magnet.

8. (currently amended): A laser gyro comprising: ~~at least one~~ an optical ring cavity [[(1)]],

a solid-state amplifying medium [[(19)]] and

a feedback system ~~(4, 42, 43), it being possible for~~ having two optical modes ~~(5, 6) called counterpropagating modes to propagate~~ propagating in opposite directions one with respect to the other inside said optical cavity, the feedback system being intended to slave the intensity of the two counterpropagating modes, ~~characterized in that~~ wherein the amplifying medium [[(19)]] is anisotropic, in that the cavity [[(1)]] is nonplanar, ~~that is to say~~ the counterpropagating modes do not propagate in a single plane, and in that the feedback system includes, inside the cavity [[(1)]], at least a rotor [[(8)]] exhibiting an adjustable nonreciprocal effect.

9. (currently amended): The laser gyro as claimed in claim 1 ~~or 8, characterized in that,~~ wherein ~~when~~ the device exhibiting a nonreciprocal effect acts on the polarizatibn state of the counterpropagating modes in an adjustable manner, it comprises a material exhibiting the Faraday effect and polarized by an induction coil [[(73)]] controlled by an adjustable electrical current.

10. (currently amended): The laser gyro as claimed in claim 7 ~~or 9, characterized in that~~ wherein the amplifying medium and the material exhibiting the Faraday effect are produced in the same material.

11. (currently amended): The laser gyro as claimed in ~~one of the preceding~~ claim[[s]] 1, ~~characterized in that~~ wherein the cavity is monolithic.